

UNITED STATES AIR FORCE

**SCHOOL OF AEROSPACE
MEDICINE**

AIR FORCE MATERIEL COMMAND



Brooks City-Base, Texas

**GLOBAL MEDICINE 2005
STUDENT INFORMATION
HANDBOOK**

GLOBAL MEDICINE 2005
STUDENT INFORMATION HANDBOOK
(Rules of Engagement)
Course Director: Col Steve Kinne

Welcome to San Antonio, Brooks City Base, and Global Medicine! We've put together a superb course designed to give you a fair chunk of practical knowledge and some practical tools to use while serving as an operational military physician. With deployments occurring all over the world, it's critical that all services maintain a pool of trained professionals who understand the unique and varied medical threats that exist in these locations. The old med school adage "If you hear hoof beats, don't think zebras" is no longer something we can hang our hats on. So, sit back and let us help you learn about some zebras!

Global Medicine Course Objectives/Goals

This course is designed to train operational military physicians to better prepare for, better recognize, and better diagnose and treat diseases and conditions that are non-endemic to the US and that may be encountered either during or after return from a deployment. In a nutshell, this course strives to achieve the following:

- Enhance appreciation of the variability in disease distribution throughout the world.
- Increase existing capabilities to provide medical care, planning and advice to commanders of deployed troops.
- Identify useful medical information sources and consultants (pre, during and post-deployment).

This is no small task for a 2-week course, so students are expected to put a lot of time in and get as much out of the course as possible. The "bar" is set high!

Registration

If you're a physician and have received a Training Line Number (i.e. you're filling an official funded or non-funded slot, and not just auditing the course) and you complete all course requirements, then you're eligible to receive CME (see next paragraph). But, first you must register with us. On the first day of the course, you will be required to fill out a USAFSAM registration card, and attach 2 copies of your orders and 1 copy of your travel itinerary (including the cost of your airfare).

If you are a non-physician with a TLN, you still must register (as above) and you'll receive a certificate of course completion that can be turned into your respective professional organization.

CME

Global medicine has been approved this year for 60 hours of CME (40 hours didactic and 20 hours of lab practicum time). You will receive a certificate of completion at graduation at the end of the full two weeks. The "official" CME certificate will be mailed to you after the course (i.e. following final approval by the CME office at Randolph AFB). Partial credit is normally not given unless there are specific operational constraints that only allowed for partial completion of the course (e.g. deployment).

Course Structure

This 2-week course has three major components:

1. Didactics (lectures--50 mins + 10 min break every hour)
2. Practicum labs (3-hour blocks that include computer use for medical intelligence and planning, malaria and stool pathogen identification labs, medical entomology, and a Trop Med case scenario lab). A deployment preparation project with brief is also a requirement for all teams.
3. Administrative activities (e.g. Intro, Pre-test, Final exam, Graduation, etc.)

Optional lunchtime or after-hours learning activities may also be offered.

Punctuality

Be on time...if not, you will miss valuable information and you will be distracting to others as you trip over them while trying to get to your seat. Hangovers from your night on the River Walk are no excuse, nor are noon-time dining experiences taken at far distant sites. Recurrently arriving late, especially for the first lecture of the morning and/or afternoon, is not only unprofessional but could jeopardize your continued presence in the course.

Classroom Etiquette

Golden Rule stuff... be considerate and courteous to both the guest instructors and your fellow students. Minimize talking during lectures and whisper if you have to say something. Mute or turn off your cell phones (and no talking on them at all during class, of course). Put your beepers on silent/vibrate mode. If you need the restroom, please do so, but exit quietly... if you have established "bladder issues," pick a seat near the aisle! Note: There are no food/drinks (other than bottled water) allowed in the auditorium... if you feel the need for a snack during lectures, buck up and wait for the break. If you're getting drowsy, feel free to get up and stand in the back of the auditorium... sleeping is frowned upon and public snoring may result in nasty practical jokes by fellow classmates or the course director.

Attendance

Be there... period. The expectation is that you will make **all** lectures and practicum labs*. Not only is this important for your job (especially with world events as they are right now), but it's also required to get your CME hours. Besides, the taxpayers paid a fair chunk of change for you to be here, so don't disappoint them. You'll also be expected to attend any/all team sessions while preparing your Med Deployment Scenario briefing (i.e. it's a team effort and the final presenter will likely be chosen at random... so everyone needs to be prepared to give it).

**Note: And no Rodeo "blow offs." It doesn't matter if you're just a cowboy/girl at heart; plan to go to that event and/or do other similar recreational activities during your free time on the weekend or evenings.*

Free Time and Travel

Evenings and weekends are yours to do as you choose. It's unfortunate that our billeting and transportation constraints make a regular fitness routine quite challenging. I

have added in a physical conditioning period on Tuesdays and Thursdays over the lunch period, but I highly encourage you to also set aside some time for exercising during your free time. By sitting in class every day, you'll earn some relaxation/recreation time (especially over the weekend) and should take advantage of what San Antonio has to offer. Most students will make at least one pilgrimage to the River Walk downtown. Safety dictates traveling in groups of two or more... please use common sense and caution while also having a good time. By the way, there's no problem with leaving town during the middle weekend to visit other points of interest in the area. However, if you plan to go farther than the San Antonio-Austin-Hill Country region, you must notify the SRO and course director... and we will need a way to contact you (e.g. cell phone, etc.). Note that leave is **not** authorized during the course, and that you will be considered AWOL if you are not back for Monday's 0730 class... not good, plan accordingly.

SRO

This is a military course and the Senior Ranking Officer will be identified. This person is the student's first point of contact for any significant concerns or issues. We don't want the SRO burdened by much since they are here to learn also, but students will be expected to run issues by them first before taking them to the course director. (As course director, I will make myself available 24/7 for the duration of the course... see "Non-Medical Emergencies" below for contact numbers)

Class Flights

The class is typically divided into 5 flights of 25-30 people. Each flight will have a mixture of rank, service, and medical specialties. These flights will be particularly important for the labs as rotation schedules are set up using them. Each flight will have a designated flight commander who will organize any flight activities related to the lab projects and will keep the SRO informed of any problems or issues that have arisen.

Notebooks

You will receive your course notebook upon registering on the first day of class (Monday morning). These notebooks contain additional course information along with lecture handouts. Note that they will undoubtedly be "incomplete" at course start (i.e. there won't be a handout for every lecture since the lecturer did not get them sent to me in time to be reproduced). Additional handouts and your personal notes will be added to the notebook during the course.

Book Issue

Every student will be loaned a school copy of the 17th edition of Control of Communicable Diseases in Man by James Chin (used to be edited by Abram Benenson). This will be the **primary reference text** used in the course for Trop Med infectious diseases. It is not yours to keep and must be turned back in prior to graduation (if not, you will not receive your graduation certificate and will get a bill instead). **I highly recommend that your home unit purchase the most recent edition by Chin for you before coming.** That way you can make notes and tab important sections during lectures as you see fit. It may not be the absolute best text, but its size and the amount of valuable

information makes it an excellent candidate for inclusion in your deployment kit as a quick reference.

Studying

You'll be expected to read all of the pertinent chapters in Control of Communicable Diseases in Man to solidify information obtained in the lectures and to prepare for the final exam. I'd strongly recommend re-reading chapters in the evenings on the ID topics that were lectured about during the day (or even pre-reading chapters on topics for the next day). Most people need to hear about and work with these diseases many times to have them "sink in" and to keep them from being confused with other similar tropical diseases.

Uniforms

This is a military course held at a military base, so uniforms are mandatory during classes at the school. Recommended uniforms are BDU's or flight suits but service dress is perfectly acceptable. Uniforms will be expected to remain at least "presentable" throughout the 2-week stay. We have many young airman at the school and it is important that we officers set a good example for them. And please, if you encounter these airman out-of-doors while here, either singly or marching in formation, please render the proper courtesies and a crisp salute... some previous visiting military medical officers have left a pretty darned poor impression on these young folks by ignoring basic rules of good officership.

Billeting (Brooks Inn)

Most of you will never have to actually go to our on-base billeting office for any reason. Statements of Non-Availability will be available at the contract hotel you will be billeted at. Virtually all of Global Med 2005 students will be staying at the American Heritage Inn (what used to be the Coachman Inn before \$1M of renovations and upgrades—see below). Depending on the number attending, some DV's (0-6's) may be billeted on base (or elsewhere). Understand that the American Heritage is neither a 4-star hotel nor is it located on the downtown River Walk, but it is drastically improved over the old (and infamous) Coachman Inn! I inspected this facility last year before the course and remain confident that everyone will find the accommodations remarkably better and very acceptable. Problems can be worked directly with the Inn's manager (Mr. Stan Graham), or reported to the billeting office (4-1844 or comm. 536-1844). For the skeptics, I've included a description and a photograph in the next paragraph.

American Heritage Inn (previously the Coachman Inn)

In March of 2003 the Coachman Inn was sold and the new owners subsequently put over a million dollars of renovations and upgrades in the facility. Improvements include new carpeting and drapes, new mattresses and box springs, new lamps, recent painting of all walls and doors, new TVs (free satellite with HBO, ESPN, and CNN), new AC-heating units, microwaves and refrigerators in each room, irons and boards, renovated bathrooms, a new breakfast room with free continental breakfast, two DV suites with room for meetings, and new vending machine contract, outdoor pool with poolside B-B-Q capabilities, a new exercise room, etc. There are PC phone jacks with

free internet connections, and free 1-800 calls. They have regular pest control visits, and are adding additional security features to the buildings. There is a hotel van that will transport folks M-Th, between 1500-1900 hours. The staff was extremely friendly and cooperative, and the manager is ready to work any special requests (such as turning a room into a meeting room if needed). Because of these upgrades, I fully endorse the American Heritage Inn for class billeting and plan to have all Global Medicine students stay there if possible.



Renovated Room at Am Heritage Inn

Transportation

A military shuttle runs from all contract motels to USAFSAM **twice daily**--once to get you on base before the 0715 start time and once to get you back to your motel after classes end. Morning pick-up schedule will be posted at the contract lodging sites... generally, pick-up at the American Heritage Inn is at **0645**.

I will arranged for a 1700 shuttle pick-up time in the afternoon (in addition to the usual 1630 one) because lectures typically run past 1630. The majority of Global Med students who do not rent their own cars will either carpool or catch the 1700 shuttle bus. NOTE: only the 1630 shuttle goes to the Fairfield Inn downtown... although I do not anticipate anyone staying there this year, it is something to be aware of.

If you miss the shuttle, you're on your own to get to the school and/or back. Given the new gate entrance location (see map), the American Heritage Inn is an approximately 2 mile walk from the school. Commercial taxis are available, of course, but are at your own expense. The base Transportation folks have agreed to drive individuals to locations on base but only for official reasons (e.g. taking someone from USAFSAM to the clinic for an appointment).

There is a city bus that stops on base and certain buses also stop also at the corner of SE Military and Goliad (approximately 150 yards from the Coachman). A bus schedule will be posted and also available at the motels.

Lastly, your motel may offer shuttle bus service to other places in San Antonio (for instance, the American Heritage Inn advertises a free first-come-first-served shuttle ride to "anywhere in San Antonio," and runs between 1500 and 1900, M-Th). Check with your motel for any free transportation services.

Meals

Meals are all on your own...unfortunately there are few options on our downsized City-Base, but there are a number relatively close by. On Brooks, there are only two food-serving facilities still in operation:

Sidney's Deli 2 minute walk east from the school (across from the gym). **Breakfast** M-F: 0545-0730, and S/S: 0800-1000. **Lunch buffet** M-F: 1045-1300

Golf Pro Shop 2 minute walk NW of school... **lunch** sandwich specials, chili, etc. M-F: 1000-1400

However, between the new front gate and the American Heritage Inn, there is a Dairy Queen, Panda Express, Whataburger, HEB Supermarket (with deli), Pizza Hut Express and Starbucks (both inside Target), and a Burger King (at the corner of SE Military and Goliad). I've included a map of the area around the base at the end of this handbook that shows the location of some "decent" restaurants recommended for lunch. Note that there are also a number of fast food places on the section of Goliad St between Brooks and La Chinitas, and west from the base on SE Military (starting about 2.8 miles down at Roosevelt Ave). Beyond these, restaurants are too numerous to mention here and most good ones (including those downtown) are beyond the reach of a 1-hr lunch.

Snacks during training

In addition to coffee at breakfast and breaks (available for a \$5/week fee), the USAFSAM moral committee has agreed to run a "Pay as you go" snack bar. We will again try to include things like bagels, fruit, juice, etc. in addition to some other snack items ... details and times will be announced on the first day. Note that there are also snack food and soda machines on either side of the school atrium. **Food and drinks (other than bottled water) are not allowed in the auditorium at any time.**

Smoking

You're all encouraged not to smoke at all while training at the school is ongoing. Bring your nicotine patches with you. If any of you do require a tobacco break, talk to me so that I can point out the appropriate area... and be back to class on time!

Optional Noon Lectures

There will be one optional and one required noontime lecture offered... these are usually operational in nature and are based on personal experiences by folks who "were there." They have been very popular and well attended in the past two years. We will offer a pre-purchased lunch (usually sub sandwiches, chips, fruit, drink) for any students planning to participate in any of these.

Installation (Base)

Brooks AFB officially became Brooks City Base in Dec 02. You will note that there are no military guards at the gate, only contract security folks who check ID's (so have them with you at all times). And, by the way, the old main gate on Military Dr. is now **closed** (under construction) and the only entrance is the **West Gate** (see map, since this will be unfamiliar to many of you). Although a longer drive, it is still quite simple to get to from the American Heritage Inn.

Because of the change in security for this City-Base, individual buildings have therefore been made more secure. Consequently, entry to USAF/SAM is restricted to the main south door, 0700-1645 each day. An ID check is required if not in uniform. All other school doors are locked unless you have a USAFSAM badge (swipe-card).

Because of the downsizing, facilities on base are even more limited than they were in the past. The commissary and BExtra have recently closed... the barber shop and dry cleaners remain but are located in another building. The Officer's Club is closed on Monday's and does not serve lunches. The Boar's Head Pub (in the O'Club) is still open evenings.

The Fitness Center remains open 7 days/week (see "Services" below) and there is still a 9-hole golf course on base. The chapel is open for services (see "Chapel" Below)

Fitness

I'd encourage you all to continue some degree of physical conditioning while here... sitting in class 8 hours a day and eating out for 2 weeks straight is not exactly healthy. I have scheduled in fitness sessions over the (extended) lunch hours on Tuesdays and Thursdays of each week and expect EVERYONE to participate in some form of physical conditioning during this time (unless you are on a physical profile, so bring a copy if you do not plan to exercise). The base Sports & Fitness Center has aerobics machines, a stretching room, free weight and weight machine rooms, and both racquetball and basketball courts. Non-marking court shoes that have not been worn outdoors are mandatory for use on the B-ball courts. There is also an outdoor track that is lighted in the evenings. Towels and equipment can be signed out, but you must supply your own lock for a locker. A military ID is necessary to enter and use the facility. Hours are M-Th: 0530-2100, F: 0530-2000, S/S: 0900-1600.

Additional Services

Should you need a haircut (and please make sure I'm not the one to have to point that out) or if your uniforms need cleaning/pressing, the following services are available:

- Barber Shop (in Sydney's building ... call 4-2200 or comm. 536-2200)
- Dry Cleaners (in Sydney's building ... call 4-2341 or comm. 532-2341)

Medical/Dental Clinic

There is a small clinic on base that can handle sick call-type conditions... it opens at 0700 and the numbers are 4-2088 (or comm. 536-2088). Referral or transfer to either Wilford Hall Medical Center (Lackland AFB) or Brooke Army Medical Center (Fort Sam Houston) will be initiated for more serious conditions. Emergencies should be handled by calling 911, both on-base and off-base. Please notify your SRO and the Course Director if you (or a fellow student) must be seen for any significant medical condition.

Chapel

The Brooks Chapel can be reached at 4-3824 (or comm. 536-3824). Sunday services are: Catholic Mass 0900, General Protestant service 1030

Note: For Eastern Orthodox, Jewish, Islamic, or Buddhist services, call the Lackland AFB Chapel at 670-2911 for service times.

USAF/SAM

Again, entry to the USAF/SAM building is restricted to the main (south) door and an ID check at the Entry Control Point is necessary. All other SAM doors are electronically locked and can only be opened by personnel possessing a USAF/SAM badge (swipe-card). The one exception is a single cipher lock door that can be used as an exit if you get locked in at night. The south door is open from 0700 to 1645. Entry into the school after hours must be arranged in advance with the course director (a few sign-out swipe cards maybe available). Please adhere to these simple security rules.

Restrooms

The largest bank of toilets in USAFSAM is (fortunately) located just outside the main auditorium. There are 2 smaller sets of men's and women's toilets located near the junk food machines on either side of the atrium. Please keep restrooms clean and tidy.

Computers

Access to USAF/SAM computers (i.e. primarily in the computer lab) is limited to those students who have accomplished the required **basic computer security training** and who have been issued a log-on and password. The same rules that govern the use of any government computer (i.e. no surfing porn sites, downloading music files or jokes-of-the-day, etc. etc) apply to our computers. Anyone misusing the government computers (i.e. for non-official or unauthorized purposes) will lose computer privileges, and may face possible disciplinary action along with expulsion from the course.

Phones

There are several class-A phones (i.e. for DSN/local calls) outside of the main auditorium.

Incoming Messages

Routine messages can be left for you at DSN-240-2845 or comm. (210) 536-2845. The caller should state that you are a "Student in Global Medicine." Messages will be posted on the auditorium board. Messages can also be faxed to you at (210) 536-1779 (the machine is in Rm. 177 near the Course Director's Office). Again, please have the faxing party identify you as a student in Global Medicine.

Non-Medical Emergencies

Emergency situations will be handled like other times using proper chain of command and notification. Notify your SRO (and/or contact me directly if the SRO is unavailable) so we can work a solution. My office phone is 4-4099 or comm. 536-4099, my cell phone is 355-3625 and, after hours, I can be reached at home at 945-7635.

Course Requirements

The requirements to successfully pass Global Medicine are as follows:

1. Attendance at all scheduled lectures
2. Participation/skill demonstration during all 5 labs
3. Passing the final examination (minimum score 70%)
4. Participation in the group deployment project and MES brief

Academic Disenrollment

With the exception of someone just not showing up for classes, it's highly unlikely in a course of two weeks duration and with the final exam on the next-to-the-last day that we could find an academic reason to disenroll someone! However, please understand that failure to meet academic standards, in accordance with the student evaluation plan (attached at the end), can result in disenrollment of a student. A student may be reinstated only with the approval from both the host and participating service (or the USAF MAJCOM). A student retains the right to address an academic disenrollment through their Service chain of command.

Non-Academic Disenrollment

On the other hand, there are several non-academic reasons why disenrollment might occur. In fact, anything that is not academic and that prevents a student from completing course objectives constitutes grounds for non-academic disenrollment. These reasons may include everything from emergency leave to problems with conduct or suitability. The decision to disenroll lies with the GM course director and the school commander. The participating service will be notified, if at all possible, prior to initiating disenrollment action. Final appeal will be through the parent Service's chain. Re-instatement will be granted only if there is approval by host and participating service.

Instruction Critiques

There are two critique forms you must complete before graduating, both of which are found in your notebook. The first is a multi-page sheet broke down by instruction block and the respective instructor. You are asked to rate three things: the topic, the instructor and any handout and reference materials given. All rating scores are to be marked on the accompanying bubble sheet with a #2 pencil so that aggregate analysis can be accomplished. These topic-specific evaluations are best completed at the end of each lecture (or certainly by the end of the day)...please keep up on these and don't pencil whip them on the last day of the course. Your input will help decide future topics and which lecturers return.

The second critique is a 1-page (green) critique sheet that's required by the school... it should be completed and turned into to the registrar just prior to graduation.

Graduation Ceremony

This is a mandatory formation (Fri, 1030-1130) following the final group deployment presentations. Please do not plan to leave early on Friday as certificates for course completion will be handed out during this time. Unless otherwise announced, the graduation will be informal but students are still expected to be in uniform.

Note that we do not select a distinguished graduate (DG) for this course

Re-testing

Students who do not achieve a 70% score on Thursday's final examination will meet with the course director for some additional coaching on study techniques and then allowed one opportunity to re-test on Friday after the graduation ceremony (i.e. from 1230-1330). Note: There is no guarantee that everyone will pass this course. However,

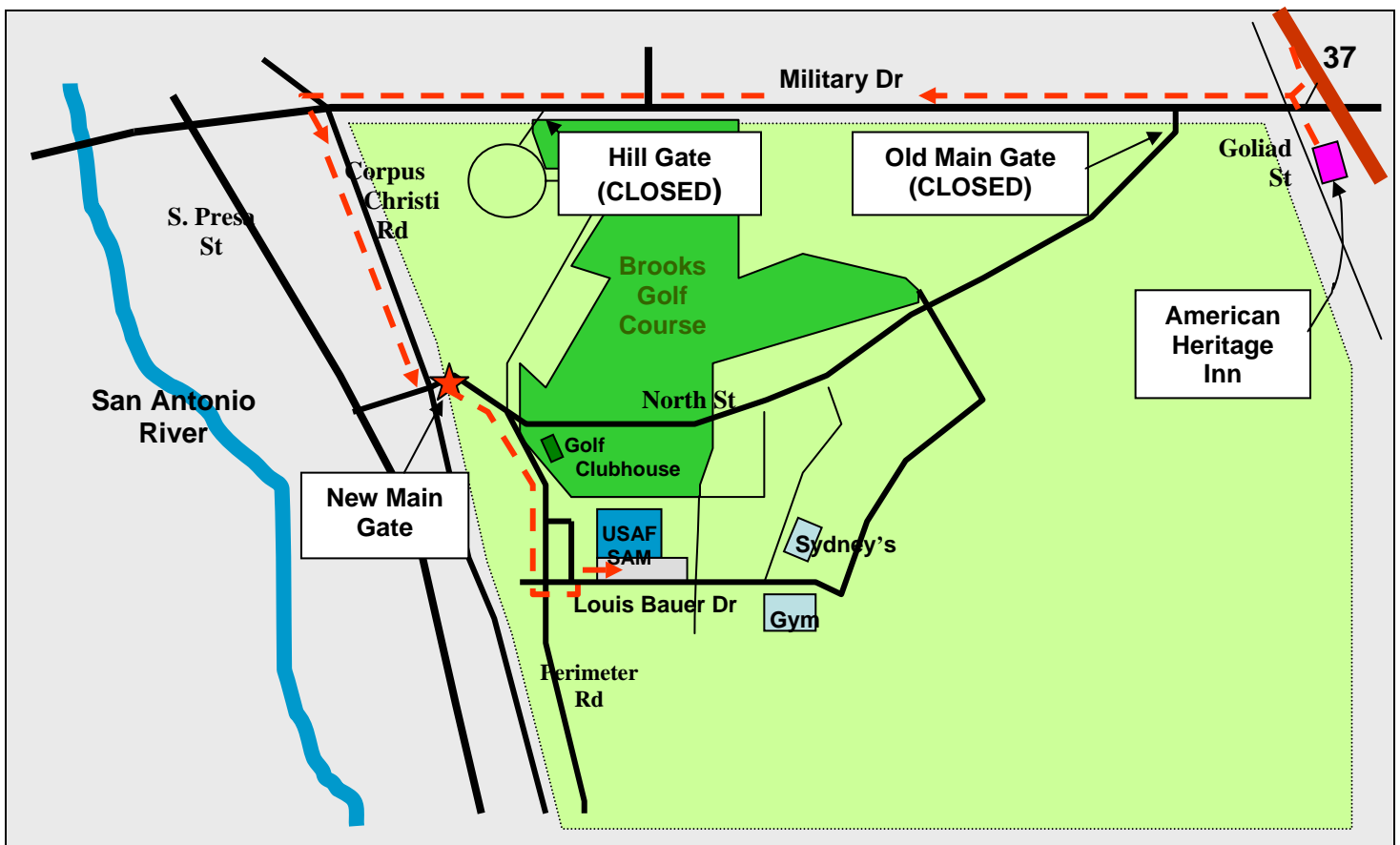
although not a “given,” most all students work hard and do pass. Please note, however, that I have no intention of lowering the course standards just to allow someone to pass... so, please plan to work and study accordingly.

Earliest Departure

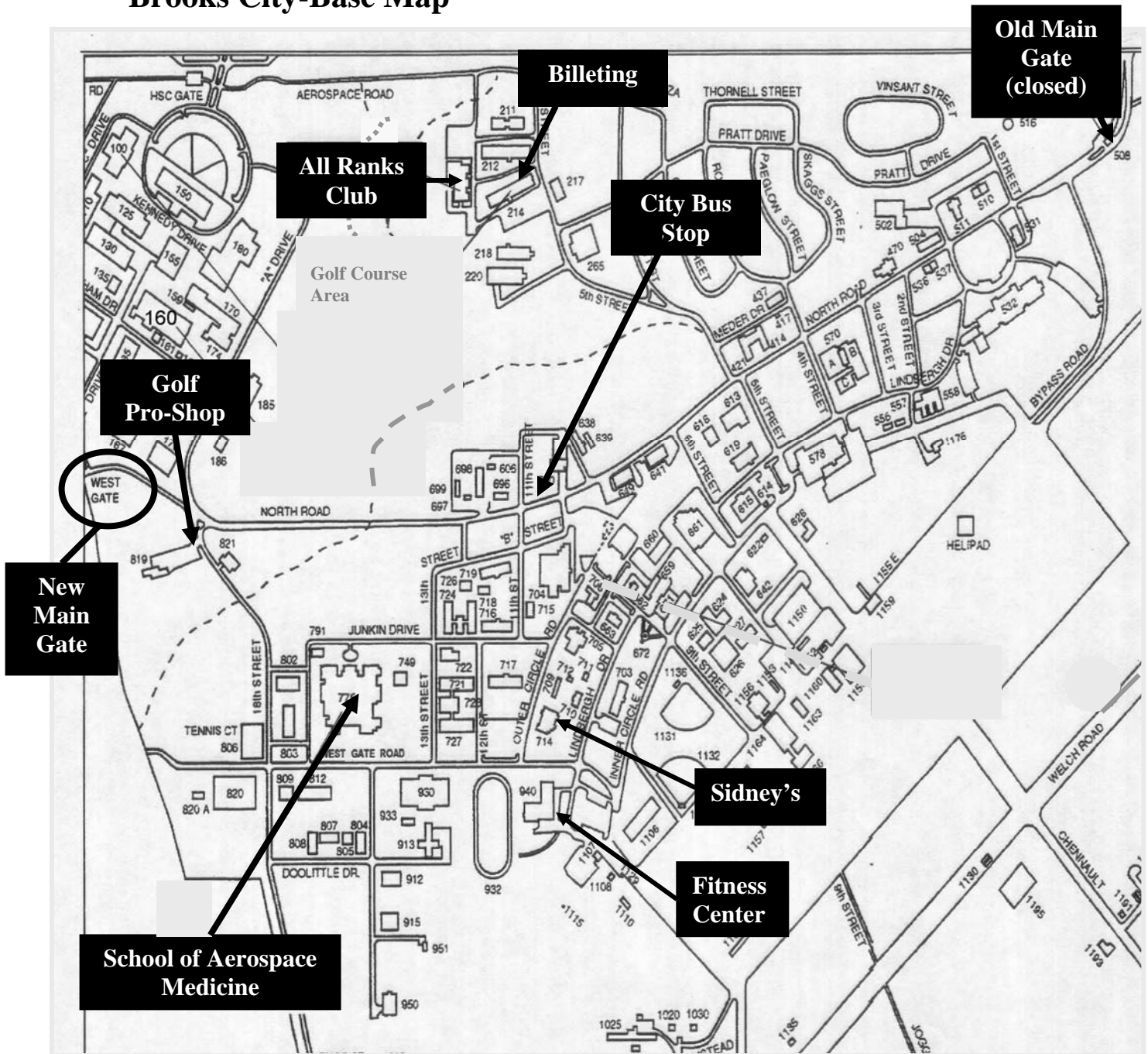
Given the mandatory nature of the final graduation ceremony and the fact that any re-testing will be done between 1230 and 1330, and given travel time to SA International Airport and existing security regulations, it would be a gamble to schedule airline flights prior to 1400 on Friday. USAFSAM will not be responsible for any costs resulting from delayed or cancelled airline flights.

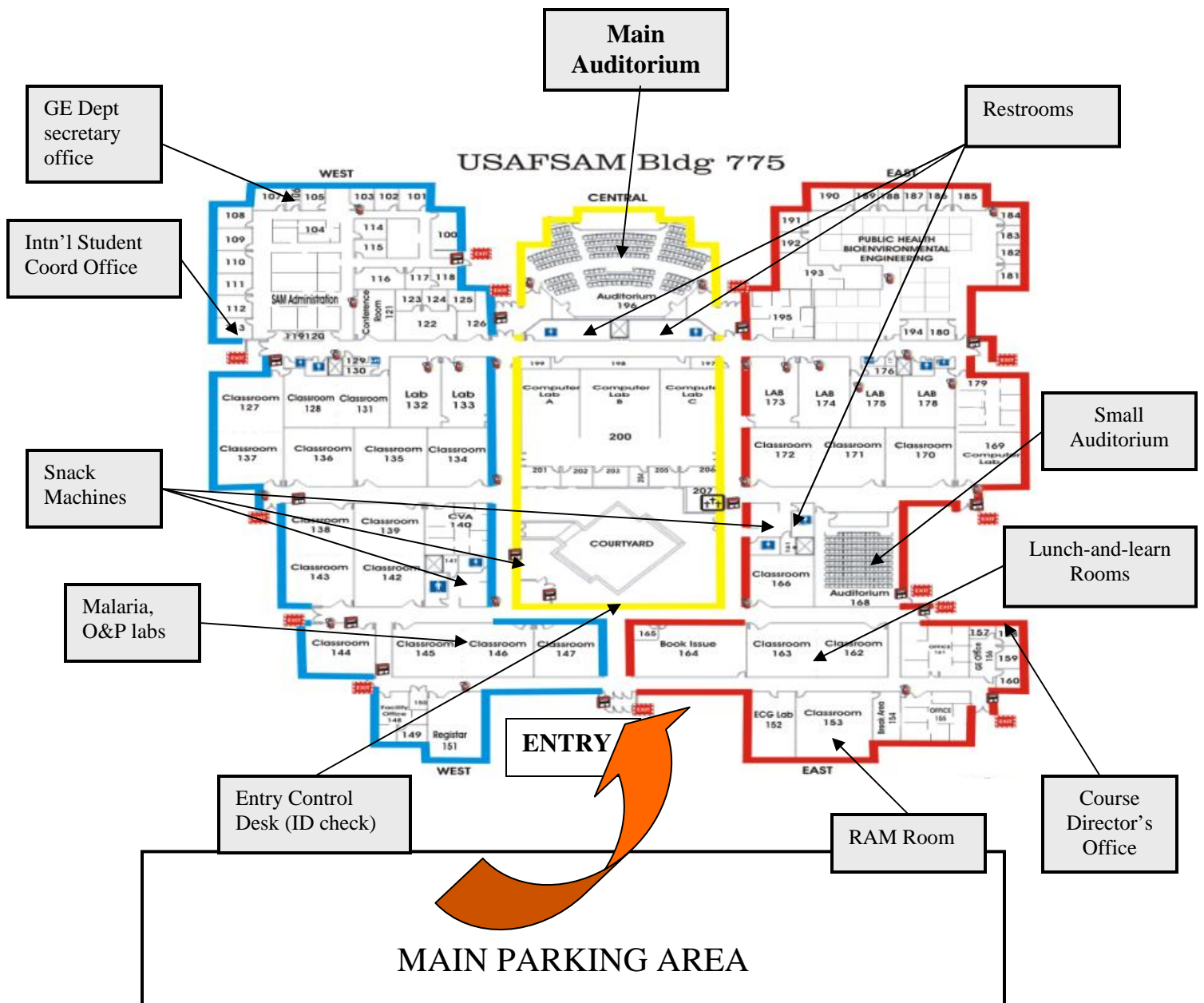
Okay, I'm sure I've forgotten something, but that's everything I can think of for now. Please keep this Handbook for reference during the course. Col Kinne

Updated map of Brooks City-Base... directions to new Front (West) Gate and to USAFSAM

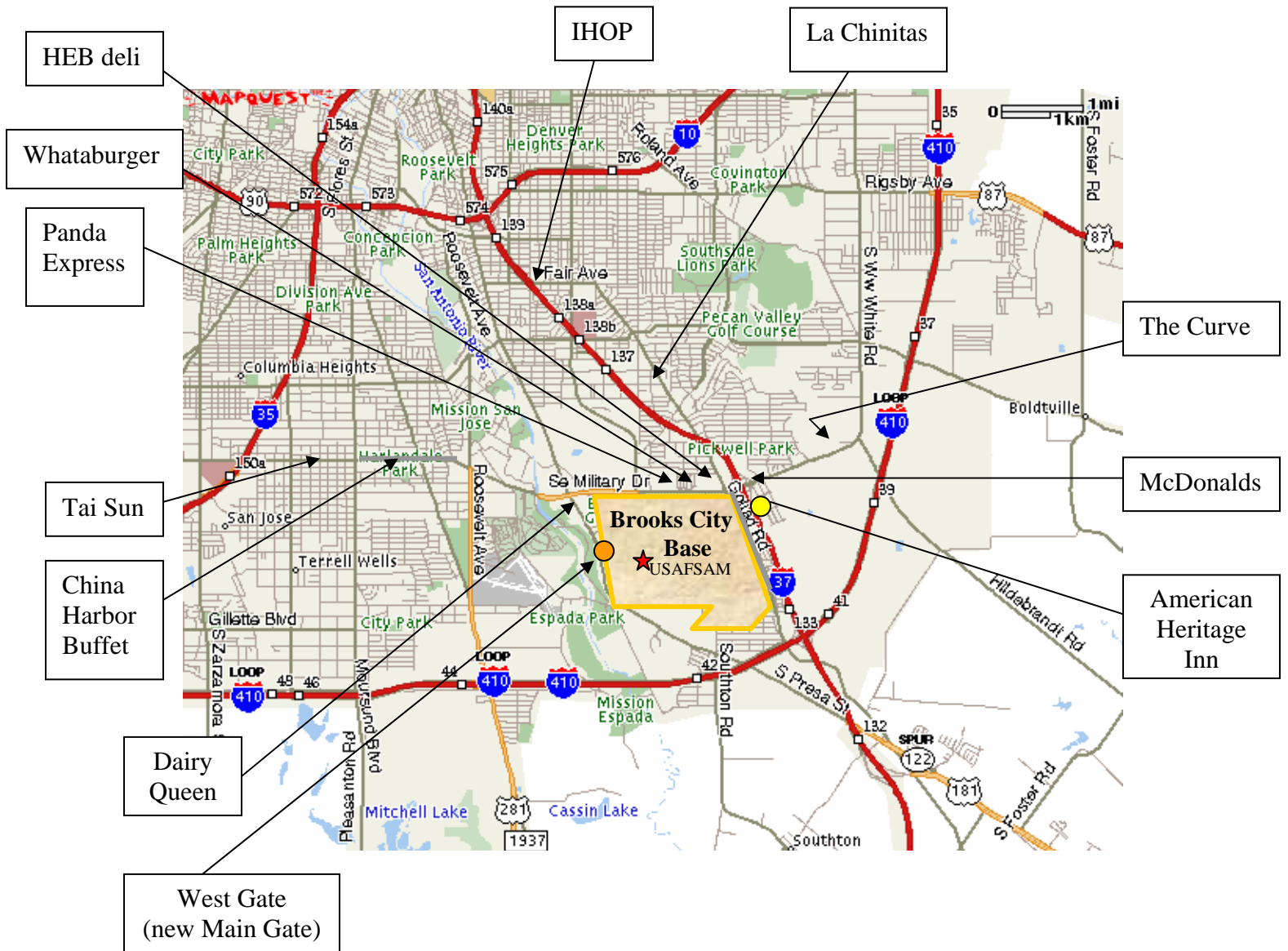


Brooks City-Base Map





Restaurants Close to Brooks City-Base and American Heritage Inn



QUICK REFERENCE TELEPHONE LISTINGS

INFORMATION	DSN	COMMERCIAL (210)
Brooks AFB	240-1110	536-1110
LOCAL MIL OPERATORS		
Ft Sam Houston	471-1211	221-1211
Brooke Army Medical Center	429-4141	916-4141
Kelly AFB	945-1110 (5-1110 from Brooks)	925-1110 or 926-1110
Lackland AFB	473-1110 (3-1110 from Brooks)	671-1110
Wilford Hall	554-7100 (2-7100 from Brooks)	670-7100
Randolph AFB	487-1110 (77-1110 from Brooks)	652-1110
BROOKS AFB:	(240-xxxx from outside Brooks, 4-xxxx from Brooks—see notes)	(536-xxxx unless otherwise noted below)
Brooks Club—Consolidated	4-3782	
—Sidney's Bar & Grill	4-2077	
Base Taxi Service (Mil)	4-1843	
Base Lodging	4-1844	
Base Exchange—BX		533-9161
BX Barber Shop	4-2200	
Beauty Shop		532-2381
Chapel Office	4-3824	
Cleaners		532-2341
Clinic Flight Medicine Office	4-6884/2859	
Clinic Appt Line	4-1847	
Commissary	4-2727	
Library, Base	4-2634	
Military Pay & Travel	4-5778	
Library, Aeromedical	4-3321	
Post Office		534-5979
SATO (Official Travel)	4-1800	
SATO (Leisure Travel)	4-3230	
Security	4-2851	
Sports and Fitness Center	4-2188	
Transportation	4-1843	

NOTES:

- 1) The San Antonio commercial area code is 210. The Brooks AFB DSN prefix is 240.
- 2) From SAM, dial 99 first to dial a local outside number, dial 94 first to dial DSN: For San Antonio area AF bases, just dial the following DSN prefix and the four number extension: Brooks AFB: 4-xxxx; Kelly AFB: 5 or 6-xxxx; Lackland AFB: 3-xxxx; Wilford Hall Medical Center: 2-xxxx; Randolph AFB: 77-xxxx; Randolph AFB (MPC): 75-xxxx

Education and Training Plan

1. Course Number and Title: B3OZY48X0-000, GLOBAL MEDICINE
2. Location: USAF School of Aerospace Medicine (AF), Brooks AFB, TX 78235-5252
3. Course Duration: Two Academic Weeks
4. Personnel to be Trained: The number and category of the personnel scheduled to attend this course are governed by the USAF Medical Education Program Guide associated with the fiscal year concerned. This guide lists the courses by number and training type, and identifies the number of training quotas for active duty officers, airmen, air reserve forces, US civilians, Security assistance Program members and personnel in the government or associated areas. It is also governed in part by the ITRO Health Care Committee Memorandum of Agreement between USAFSAM, the Naval School of the Health Sciences (NSHS), the US Army Medical Department Center and School (AMED), the Walter Reed Army Institute of Research (WRAIR) and the Uniformed Services University of the Health Sciences (USUHS). Representatives from the aforementioned agencies make up the core of the Triservice Tropical Medicine Curriculum Review Committee (TTMCRC) which coordinates tropical medicine training in all three military service branches. Additionally, the number of seats to be allocated to each of the services is coordinated through this committee. US Navy and US Army attendees are nominated and selected by their respective services. Spaces over current allocations are granted on a space available basis only. The USAFSAM/TA Program/Allocations schedule Part III indicates the distribution of funded or unfunded quotas for each class and user.
5. Class Size: Minimum: 40. Maximum: 160. Facility and practical laboratory exercises limit class size.
6. Class Schedule: One class per fiscal year.
7. Security Classification: Unclassified.
8. Course Objectives: The Global Medicine Course is a post-graduate (i.e. medical degree) tri-service, Continuing Medical Education program designed to train physicians in deployable UTC's how to identify, plan for, and treat those infectious diseases and environmental conditions of medical and military significance found worldwide. The course emphasizes the need for the physician to be able to successfully design and implement an operational medical plan that minimizes the health risk from endemic natural biologic hazards to a deploying or deployed force. To achieve this objective, lectures on infectious diseases, medical intelligence sources, deployment preparation, and surveillance/epidemiology are presented along with case studies/scenarios. Interactive laboratories on malaria and parasite diagnosis, computer access to medical intelligence sources, and medical entomology are also conducted.
9. Course Content: Suggested core topics for Global Medicine were established in 1993 by the TTMCRC. Actual topics presented may vary slightly on a per iteration basis depending upon the needs of the DOD, but major topic changes must be coordinated with the TTMCRC prior

to implementation. See attached listing

10. Prerequisites: Officers or governmental medical personnel directly involved in tropical medicine, preventive medicine, epidemiology and patient care of military forces and personnel of governmental agencies. International students require an English Comprehension Level of 80 SA.
11. Special Notes: The Office of the Surgeon General, United States Air Force, designates this educational activity for a maximum of 60 hours in category 1 credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity. This activity has been jointly planned and implemented in accordance with the Essential Areas and ancillary policies of the Accreditation Council for Continuing Medical Education (ACCME) by the Office of the Surgeon General, United States Air Force and the 59 MDW. The Office of the Surgeon General, United States Air Force is accredited by the ACCME to provide continuing medical education for physicians and takes responsibility for the content, quality and scientific integrity of this program.
12. Equipment and Supplies: Video Monitor system with VHS capability for 160 students. Computer based electronic presentation system with MS PowerPoint®, and CD-ROM capability. Projection surface wide enough for 2 simultaneous slide projections. Two 35mm slide projectors. One overhead projector. Thirty microscopes with 10, 40, 100X and oil immersion objectives. Six electrical power strips. Two Biohazard sharps containers. Three hundred lancets (or similar medical utensils) for doing finger sticks. Three hundred Band-Aids. Five hundred slides and slide covers. Computer Lab system with 60 student workstations with Internet access, CD-ROM/multimedia capability, and Zip drives. A total of 1.5 gigabytes storage capacity is necessary in the computer lab. *Note*: All required equipment is not available at this facility. The microscopes and supplies for the malaria lab will be obtained from the NSHS tropical medicine personnel or from the AMED at Fort Sam Houston.
13. Personnel Requirements: One Aerospace Medicine/Preventive Medicine/Occupational Medicine or tropical medicine specialist as course director. Up to forty subject matter experts as guest speakers and lab instructors/attendants. One classroom attendant/projectionist. One full time person to man the base command post. One part-time secretary. One computer specialist to assist with trouble shooting when computer lab is being used.
14. Facilities Requirements: One auditorium accommodating 160 people. Two 30-station lab rooms for the malaria and parasite lab. One 60-station computer lab. Five additional classrooms with computer based presentation systems (same as in auditorium) for the small group exercises. *Note*: All of these facilities are not currently available. The malaria and parasite labs will be conducted in a standard classroom and small group discussions will be held wherever open rooms are available.
15. Budgetary Requirements: 15-20 TDY guest instructors with average cost of \$1000. Texts costs averaging \$2200 per year. Copy reproduction - \$500/yr. Folders/binders/misc. - \$150/yr. Total annual expense averaging \$17850.
16. Accreditation/Certification: Physician attendees to this course receive 60 hours of Cat I CME from HQ AFPC/DPAME (Course # 8207).